

Beyond human capabilities: How do Cybernics and AI will change human physical limits

身体機能の補完と拡張：
サイバニクスとAIは人間をどう変えるか？

One of the most prominent applications in the field of brain-computer interfaces is the development of artificial limbs such as hands or legs created by the merge between Cybernics and AI. This fusion will establish the scientific and technological basis for human augmentation, extending human capability beyond innate, physiological levels, cognitively, emotionally and physically. This session aims to deliver future applications of brain-computer interfaces as well as bring discussion among students about the possibilities of human augmentation.

Dec. 2 Wed, 2020 The 3rd symposium on Ph.D program in Humanics

Session 1 (Cybernics):
Prof. Hideki Kadone (University of Tsukuba)
Title | Changes in limb motion control of patients with neurological disorders after HAL treatment: a clinical neuro-mechanics approach.

Session 2 (AI):
Prof. Christian Becker-Asano (Stuttgart Media University)
Title | Artificial Intelligence applied to socially interactive systems - from virtual to robotic humans.

Timetable

16:30-16:35	Greetings from the program leader
Session 1	
16:35-17:15	Invited lecture
17:15-17:35	Panel Discussion
17:35-17:50	Coffee Break
Session 2	
17:50-18:30	Invited lecture
18:35-18:55	Panel Discussion

Online registration
Deadline | Dec. 1 Tue, 2020



<https://tgsw.tsukuba.ac.jp/en/participants/> >